(4/5)

BAKER HUGHES

HIGH DEFINITION INDUCTION LOG™
GAMMA RAY LOG
CALIPER LOG

Baker Atlas

Ver. 3.07

FILE NO.	COMPANY: CHAPARRAL ENERGY
API NO.	WELL: BOSSE #8
	FIELD: NAVAL RESERVE
	COUNTY: ADAIR — STATE: OKLAHOMA
	LOCATION: 1FSL 1BEL FNL & 990' FWL
	SEC 1 TWP 17N RGE 23E

OTHER SERVICES: CSL / DSI / BL

PERMANENT DATUM: GL	ELEVATION: 529.27	ELEVATIONS: KB	544.27
LOG MEASURED FROM: KB	15.00	DF	543.27
DRILL MEAS. FROM: KB	ABOVE P.D.	GL	529.27

DATE	11-JAN-2011
RUN NUMBER	1
SERVICE ORDER	112996
DEPTH DRILLER	3225.7
DEPTH LOGGER	3224.0
BOTTOM LOGGED INTERVAL	3224.0
TOP LOGGED INTERVAL	312.0
CASING DRILLER	9.625 @ 312.0
CASING LOGGER	9.625 @ 311.7
BIT SIZE	7.875
TYPE OF FLUID IN HOLE	WATER BASED MUD
DENSITY / VISCOSITY	8.4 LB/G 28.0 S
PH / FLUID LOSS	10.0 / 4.8 CC
SOURCE OF SAMPLE	FLOWLINE
RM AT MEAS. TEMP	.0935 @68 DEGF
RMF AT MEAS. TEMP	.0748 @68 DEGF
RMC AT MEAS. TEMP	.1170 @68 DEGF
SOURCE OF RMF / RMC	CALCULATED / CALCULATED
RM @ BHT	.0374 @200 DEGF
TIME CIRC. BEGAN	08-JAN-2011
MAX. RECORDED TEMP.	200 DEGF
EQUIP. NO. / LOCATION	10-2 / HOUSTON, TX
RECORDED BY	JAMES BROOK
WITNESSED BY	JAMES BROOK

DISCLAIMER: INTERPRETATION OF LOGGING DATA IS BASED ON ACCEPTED PRINCIPLES AND ASSUMPTIONS. THE INTERPRETATION OF THE DATA PROVIDED BY BAKER ATLAS REPRESENTS THE BEST JUDGEMENT OF BAKER ATLAS. BAKER ATLAS MAKES NO WARRANTY OR GUARANTEE UNDER ANY CONDITIONS OR CIRCUMSTANCES. BAKER ATLAS SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGE OR EXPENSE INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF ITS OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR PROPOSAL AND TERMS AND CONDITIONS, AS PER CONTRACT.

RUN NO.	DATE	LOGGED INTERVAL	TYPE LOG
1	11-JAN-2011	3224.0 - 312.0	HDIL

PASS NO.	DATE	TIME	
1	11-JAN-2011	1:00	

RUN NO.	TIME	SIZE	TYPE
1	11-JAN-2011	9.625	CASING

REMARKS:

RUN 1 TMP 1: 1. RIG: PRO-PETRO RIG #1 2. CASING: 9.625" @ 312.0 3. TOOL STRING: HDIL, CSL, DSI, BL 4. TOOL ZERO: HDIL, CSL, DSI, BL 5. TOOL STANDOFF: HDIL, CSL, DSI, BL 6. LOGGED FROM 3224.0 TO 312.0 7. LOGGED WITH 1 BOW SPRING CENTRALIZER 8. LOGGED WITH 1 BOW SPRING CENTRALIZER ON DSI 9. LOGGED WITH 1 BOW SPRING CENTRALIZER ON BL

CSN: 8 - BOSSE # 8 (API)

CURVES DATA

CURVE	UNITS	CURVE	UNITS
CALI	IN	HDIL	OHMM
GR	GAPI	SFLU	OHMM
TENS	LB		

MAIN LOG 2" / 100FT SCALE

Ed=0.0 Aug 06, 2010 Cal Sat Jan 1 0:0:0+4 2011 Pd=Jay Hall/14 Flume 0.50

Prog: /map/92 Pref=/map/pref.dat

PARAMETER AND FILTER SUMMARY REPORT

PARAMETER TYPE	PARAMETER	UNITS	INTERVAL (1)
GENERAL PARAMETER	DEPTH SHIFT	FT	0.000
	FILTER 1	HZ	0.000
	FILTER 2	HZ	0.000
	FILTER 3	HZ	0.000
	FILTER 4	HZ	0.000
	FILTER 5	HZ	0.000

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	FILTER 2	HZ	0.000
	FILTER 3	HZ	0.000
	FILTER 4	HZ	0.000
	FILTER 5	HZ	0.000

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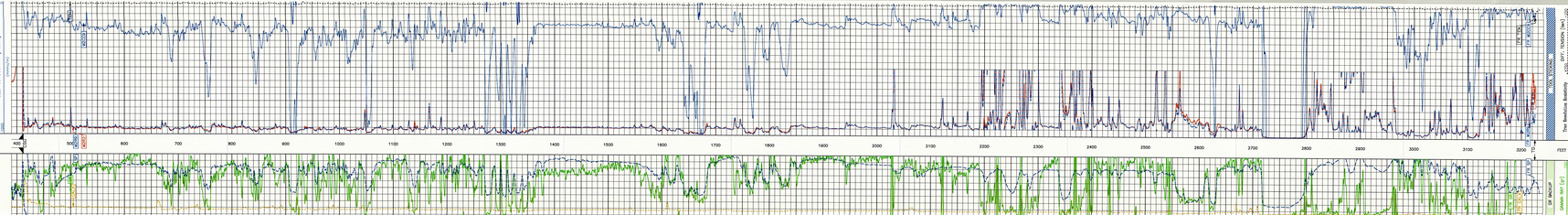
	FILTER 2	HZ	0.000
	FILTER 3	HZ	0.000
	FILTER 4	HZ	0.000
	FILTER 5	HZ	0.000

CORE DESCRIPTION REPORT

CORE NUM.	CORE DESCRIPTION
1	CORE NUMBER 1 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT
2	CORE NUMBER 2 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT
3	CORE NUMBER 3 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT
4	CORE NUMBER 4 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT
5	CORE NUMBER 5 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT
6	CORE NUMBER 6 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT
7	CORE NUMBER 7 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT
8	CORE NUMBER 8 CORED 3224.0 TO 3224.0 RECOVERED 0.0 FT

CORE	DEPTH (M)	CORE	DEPTH (M)
1	0.00	2	0.00
3	0.00	4	0.00
5	0.00	6	0.00
7	0.00	8	0.00

Prepared by: Jay Hall
Prog: /map/92
Pref: /map/pref.dat
Flume: 0.50
Date: Sat Jan 1 0:0:0+4 2011
Ed: 0.0 Aug 06, 2010
Cal: Pd=Jay Hall/14